Operations Report

Rob Harr

13 May 2004

CDF Weekly Meeting

This Week's Stores

Date	Store	Hrs	Inst Lum (initial)	Deliv (nb^{-1})	Lum to tape (ε)	Si Phys Lum (ε)	Comment
5/7	3471	9	56.3e30	1644	1296 (79%)	1126	
5/7	3475	24	48.4e30	1912	682 (35%)	513	**Database**
5/9	3477	27	58.7e30	2446	2087 (85%)	2087(85%)	
5/10	3481	38	62.2e30	3146	2641 (84%)	1961(62%)	**Recirc. test, ends cleanly**
5/12	3487	14	50.0e30	1426	1208 (85%)	1208(85%)	**Beam lost**
Total				10.5 pb^{-1}	7.9 pb^{-1} (77%)		

Database

- Errors (Oracle warnings) with the database began Friday morning when trying to insert data into a calibration table. Obscure error messages.

- While still taking data, a hardware problem was diagnosed with the DB machine.

- Brought down the machine for further investigation -- bad disk, replaced on Friday evening.

- Database recovery followed.

- Continuing investigation pointed to a bad memory module (in Sun Micro.). Sun support came Wed. and replaced.

- Running since reboot and recovery Wed. afternoon.

- Detailed root-cause analysis in progress.

SVT Beam Width Measurement

🔴 SVT code to calculate beam widths online was tested with beam.

🔴 Eventually information will be put on ACNET for MCR use.

Barrel	X width	Y width
0	44	32
1	34	23
2	26	34
3	21	29
4	31	43
5	35	52

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COT Gas Recirculation

- Tests performed this week were successful
- Recirculation will be on for the next store
  - COT will be at full voltage
  - Trigger configuration changed for full voltage